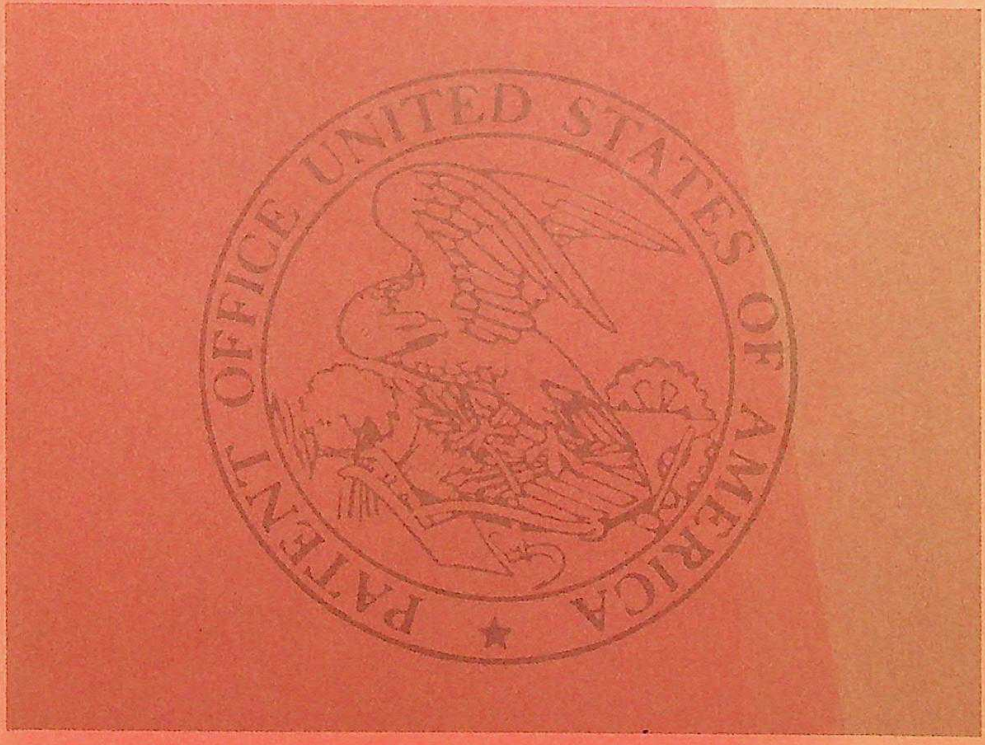
A UNITED STATES DEPARTMENT OF COMMERCE PUBLICATION

COMMISSIONER OF PATENTS ANNUAL REPORT FISCAL YEAR 1969



U.S. DEPARTMENT OF COMMERCE/PATENT OFFICE

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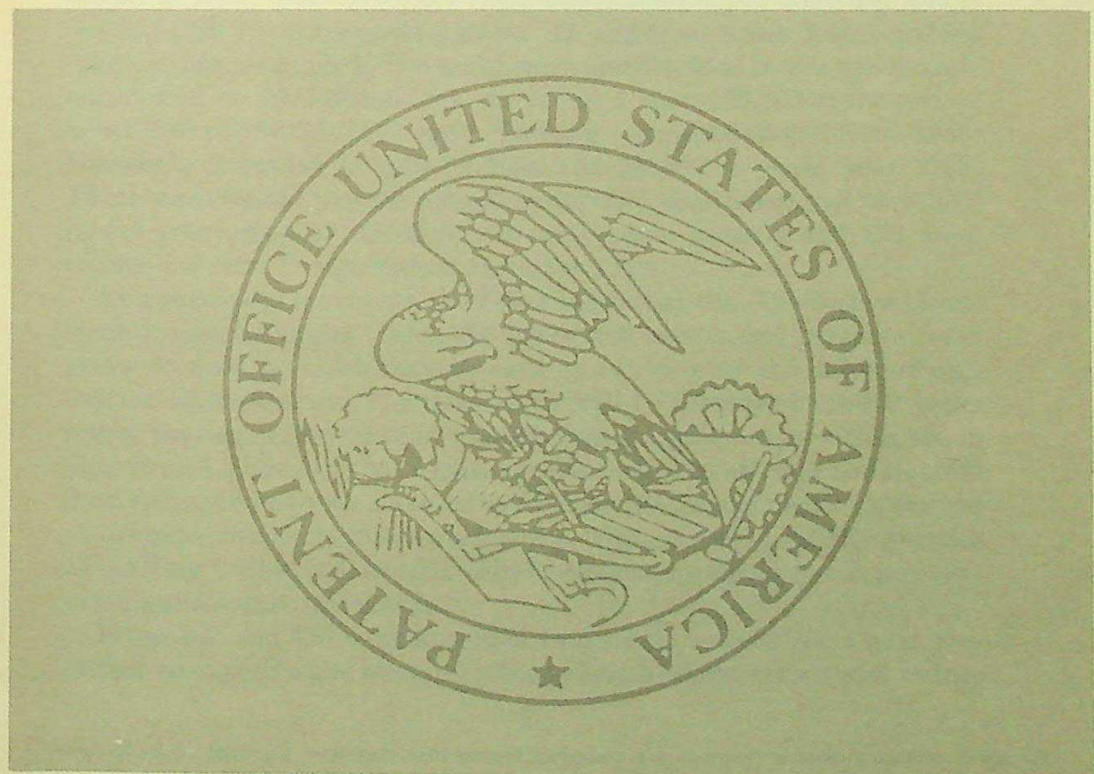

U.S. DEPARTMENT OF COMMERCE/PATENT OFFICE

U.S. DEPARTMENT OF COMMERCE

Maurice H. Stans, Secretary

PATENT OFFICE

William E. Schuyler, Jr., Commissioner

1969

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Commissioner's Annual Report
Fiscal Year 1969

Functions

The Patent Office administers the patent laws enacted by Congress in accordance with Article 1, Section 8 of the Constitution, and the Federal trademark laws. In discharging its duties relating to patents, the Office examines applications and grants patents when applicants are entitled to them under the law, records assignments of patents, publishes and disseminates patent information, maintains search files of U.S. and foreign patents and a Patent Search Center for public use, and supplies copies of patents and official records to the public. Similar functions are performed relating to trademarks.

Patent Examining Operations

A record number of patent applications, 96,821, were filed in fiscal 1969, 6,158 more than last year and 3,430 above the previous record of 93,391 in fiscal year 1966. Of these applications, 103 were for plant patents and 376 for reissue patents. In addition, 5,432 design patent applications were filed. The number of applications in the pre-examination and examination stages was reduced from 189,909 at the end of fiscal 1968 to 184,660, the lowest "backlog" since the end of fiscal 1953. Disposals increased to 102,070 from the 101,512 in fiscal year 1968. There were 62,230 patents issued during the year compared to 61,848 in the previous year. Of these, 80 were plant patents and 201 were reissue patents. Design patents totalled 2,991.

As a service to inventors, the Office instituted the "Disclosure Document Program" under which the Office will accept and preserve for 2 years documents which may be used as evidence of the dates of conception of inventions. The documents will be destroyed after 2 years unless they are referred to in related patent applications within the 2-year period. Inventors have used various means to attempt to establish such dates, prior to the submission of their patent applications, for use as evidence in any further controversy. This has included the practice of mailing to themselves or to other persons registered envelopes containing disclosure statements.

Rules 322 and 323 were amended to provide a basis for a new procedure to expedite the issuance of certificates of correction and reduce

printing costs. Under this procedure, a special form is available for use by the practitioner in submitting the text of the certificate. The completed form may be used in direct process reproduction (offset printing) of the certificate of correction. When the application is approved, one copy of the form is certified and returned to the patentee for attachment to his copy of the patent, eliminating the necessity for the applicant to return his patent to the Office. A weekly listing of patents for which certificates of correction have been issued is now published in the Patent Office's *Official Gazette*, and *Shepherd's Citator* has begun to identify the patents for which a certificate has issued.

Guidelines were issued for the practice of incorporating essential material into a patent application by reference to a U.S. patent or an allowed U.S. application. In cases where this procedure is applicable, the Patent Office will save printing costs and the inventors will benefit from reduced issue fees.

The Office's guidelines to aid inventors and attorneys in the preparation of patent abstracts were revised and reissued. A quality audit of abstracts was initiated about 2 years ago and was continued on an intermittent basis during the past year. The quality of abstracts has improved significantly during the course of the audit.

New procedures were initiated which permit primary examiners to present oral arguments before the Board of Appeals in cases where applicants have been granted oral hearings.

A new practice permitting dependent claims which refer back to two or more of the preceding claims in the alternative, whether independent or dependent, was initiated for a trial period from July 1 through December 31, 1968. However, only limited use was made of this practice, and it was not adopted as a regular procedure.

As a service to the public, the Office instituted the practice of (1) listing at the end of the specification of each patent all the locations in the U.S. patent classification system where the patent was cross-referenced at the time of issue and (2) of including in the patent heading the international patent classification.

A prototype aperture card viewer was received and demonstrated. The viewer is intended as a search tool for use with aperture cards which contain microfilm copies of patents. Additional viewers are on order for test use in the Examining Corps and in the Public Search Room. The aperture card system is being developed to reduce the ever-increasing requirement for space to house paper copies of U.S. and foreign patents.

A program to determine the feasibility of developing a rapid indexing method of mechanized search files was begun during the year. This program was started with six separate projects and is being expanded to include more projects in the coming year.

In addition to continuing the audit of patent abstracts submitted with applications, the Office conducted a special audit comprising a second search of prior art for 100 of the cases processed through the regular audit program. The latter audit was designed to measure the effectiveness of the examiner's search.

Several changes in procedures are projected for fiscal 1970.

It is proposed to amend rule 334 to require the applicant or his attorney to designate the assignee of a patent at the time of payment of the issue fee in order that this information may be printed on the patent and eliminate the need for a title search.

A revision of rule 68 is planned to permit the use of a declaration in lieu of an oath in connection with any document to be filed in the Patent Office with the exception of testimony in interferences. This change will benefit the patent community throughout the world.

To expedite the prosecution of applications and strengthen the presumption of validity of issued patents, the Patent Office is considering the adoption of a new rule which would require the applicant to submit a patentability brief before examination of his application. The brief would include an identification of all patents and publications that were specifically considered in preparation of the application and an explanation in support of patentability of the claims over the identified art.

An addressing system is being developed to use embossed plastic cards to imprint the mailing address on Patent Office communications involved in the prosecution of patent applications. This system will reduce and in some cases, such as form letters, eliminate the need for typing.

Patent Services

The new microform patent copy fulfillment system is approximately 95 percent implemented with full implementation expected during the first half of fiscal 1970. The new system has provided a means to furnish patent copies at a faster rate to the public and to the Office. Through this system, copies of patents for which printed stock is exhausted can be produced immediately from microform masters. With the installation of additional equipment next year, it is anticipated that the number of prints furnished through this system will increase by 10 million prints a year.

Plans are now underway to start operation of the new Data Base System in June 1970 in which the full text of patents will be put into computer language on magnetic tape. This will provide data in the form in which computers can be used to develop files and index information for machine-assistance to examiners in conducting searches and to control the operation of photo composing equipment. The latter

process may in time replace the hot-metal system used by the Government Printing Office to prepare patent text for printing. Although it is planned initially to have the keyboarding and computerized formatting of patent text material performed by a commercial contractor, the Patent Office will ultimately assume these functions.

The opening of the Attorney's Room and the moving of the patented files from the Commerce Building to Crystal Plaza has been a major improvement in servicing the public and the Office. At the time of the move, the files were rearranged to promote faster and more efficient service.

New microfilm reader-printers have been installed for public use in the Search Room. Users of these machines can now obtain a printed copy within 10 seconds of any microfilm being read.

The Patent Office Search Center is negotiating to obtain microfilm copies of foreign patents to replace bound and unbound copies now being housed in the Office. The first phase of this operation will be an exchange with the Austrian patent office of 655 microfilm rolls of U.S. patents for a like number of rolls of numerical sets of foreign patents. The second phase will be the periodic purchasing of additional microfilm from the same source.

The Application Branch will begin using microfiche for the microfilming of incoming applications. The use of microfiche instead of rollfilm will in most instances solve the problem of recalling the application document from the examiner. The new procedure will promote more rapid and efficient service to the public and will create a readily accessible historical and security file.

Patent Documentation

One patent class was abolished which involved 8,895 original patents and 2,912 cross-reference patents; four new classes were established with 595 subclasses involving 10,933 original patents, 12,359 cross-reference patents, and 37,000 foreign patents. Nine hundred and forty-four miscellaneous subclasses were established involving 15,937 original patents and 11,200 cross-reference patents. Miscellaneous patents transferred totaled 8,640.

The new classes established were 353 Optics, Image Projectors; 355 Photocopying; 356 Optics, Measuring, and Testing; and 402 Bender Device Releasably Engaging Aperture or Notch of Sheet. A new design class, D8 Tools and Hardware, was established.

In June responsibility for three mechanized search systems under the ICIREPAT (Committee for International Cooperation in Information Retrieval Among Examining Patent Offices) program was transferred from Research & Development to Documentation. They are Magnetic Cores, Data Processing Systems, and A–D Converters. Also,

backdating was completed on the Lasers and Masers and the Alloys systems while backdating is proceeding in the Lubricants and Layered Products system.

Patent Appeals and Interferences

The Board of Appeals received 7,766 appeals and 359 petitions for reconsideration, as compared with 7,360 appeals and 415 petitions for reconsideration in fiscal 1968.

The Board handed down 2,640 decisions, including 313 decisions on petitions for reconsideration; 1,813 appeals were dismissed; and 3,363 appeals were withdrawn by appellants.

The number of appeals pending at the end of the year was 3,416 (in addition to 79 petitions for reconsideration) as compared with 3,157 appeals (and 33 petitions for reconsideration) at the end of the previous year. This is an increase of 259 pending appeals and 46 unanswered petitions for reconsideration; however, during the year the Board employed an average of only 3.6 acting members as compared with an average of eight the previous year.

The Board also reviewed 2,632 applications under the Quality Control program, and four regular and three acting members were also engaged in part-time work for the Board of Interferences.

With the extra duty workload expected to be reduced, an appeal docket of less than 3,000 is projected for the end of the next fiscal year.

The number of interferences pending continued to decrease, although at a reduced rate. The total pending at the end of the fiscal year was 813, a drop of 69 as compared to a decrease of over 200 in fiscal years 1967 and 1968. Receipts decreased by 26 and terminations by 94. Although terminations continued to exceed declarations, the difference is diminishing and it appears that approximate equilibrium may be approached in the next fiscal year. The average volume of record per case increased by 22.5 percent over that for fiscal 1968 and 58 percent over fiscal 1967 which resulted in a comparable decrease in the number of cases decided on the merits by the Board of Interferences.

It is of interest to note that of the 400 cases declared under the new rules during the first year they were in effect, fiscal 1967, 98 percent have been either terminated or prosecuted through an award of priority by the Board of Patent Interferences. This includes a number of cases on appeal to the Court of Customs and Patent Appeals or in the District Court for civil action.

Trademark Examining Operation

The volume of activity in trademark examining has shown a steady increase. There were 31, 268 applications for registration filed during the past fiscal year, the largest number ever filed in a single year. This

represents an increase of 2,976 new applications over the previous year. It is to be noted that, of the 31,268 new applications received, 17,597 were received during the last half of the fiscal year.

Total applications on file on June 30 were 43,484 as compared to 39,019 the previous year, an increase of 4,465. These figures do not include applications for renewal or applications for publication under the provisions of section 12(c) of the Act of 1946.

Disposals of applications for registration totaled 27,740 including 21,833 applications which matured into registrations and 5,907 applications which were abandoned. There were 20,306 registrations issued during the year.

At the end of the year, new applications for registration of marks were being acted upon within 8 months from the date of filing.

The number of registered marks published under the provisions of section 12(c) continued to decline and totaled 182 as compared with 290 the previous year. There were 5,442 registrations renewed under the provisions of section 9, an increase of 1,716 over the previous year.

Under the provisions of section 7, there were 68 new certificates issued to assignees of registered marks; 65 registrations were surrendered by the owners; 233 registrations were amended and 276 registrations were allowed to be corrected due to mistakes occurring through the fault of the applicants for registration.

Although the number of marks published for opposition decreased to 21,236 as compared with the 22,513 of the previous year, there was a slight increase in the number of oppositions filed, from 1,033 to 1,084. There were 96 interference proceedings instituted and 1,920 requests for extension of time for filing an opposition.

Section 8 affidavits, section 15 affidavits, applications for renewal and affidavits under section 12(c) were being considered by the examiner within 1 month from the date of receipt. There is presently no backlog in these areas because the cases are acted upon as soon as possible in order to allow the registrant time to submit an acceptable application within the statutory time limit in the event that the first application was unacceptable.

Digests of current assignments were entered in 21,642 registered files and in 1,469 pending files. Eventually all trademark registration files will contain a complete record of assignments affecting title.

Work relating to the international classification of goods to which trademarks are applied has continued during the past year. Goods and services as identified under published marks, renewals, and registrations have been classified under the international system in addition to the U.S. system of classification.

A study relating to the practical aspects of the international classification was made during the year in conjunction with the classifica-

tion of approximately 25,000 registrations in accordance with the international and U.S. systems.

Although the International Classification Manual is an excellent working tool for administering the system, it is believed the Manual would be improved by the addition of American terms which are deemed necessary for U.S. purposes. Accordingly, a number of these terms have been submitted to the United International Bureaux for the Pretection of Intellectual Property (BIRPI) for inclusion in the Manual.

Trademark Trial and Appeal Board

The Trademark Trial and Appeal Board has appellate jurisdiction over the decisions of the examiners of trademarks refusing registration of an applicant's mark, and original jurisdiction to hear and decide adversary proceedings arising under the Trademark Act of 1946. This Act provides for four types of adversary proceedings: interferences, oppositions, cancellations, and concurrent use.

During fiscal year 1969, a total of 532 cases were decided by the four members of the Board after a hearing, 395 of which were adversary proceedings and 137 were ex parte appeals. In addition, the four members, with the assistance of two acting members, finally disposed of 1,067 adversary proceedings during the interlocutory stages and 118 ex parte appeals prior to a hearing. There were 1,551 adversary proceedings and 114 ex parte appeals pending on June 30.

Patent Office Academy

During this year, 171 patent examiners completed the basic academy training program and 163 graduated from the advanced program. Six foreign guests participated in the basic program and three in the advanced program. Other non-Patent Office participants included four in the basic program and three in the advanced program.

A total of 1,028 patent examiners have participated in the training program since its inception, and 856 had completed the training by the end of this year.

Patent Legislation

Efforts toward revision of the patent laws in the 90th Congress culminated with the introduction by Senator McClellan of S. 3892 on July 26, 1968. When introducing the bill, Senator McClellan pointed out that it reflected many of the desirable provisions of other bills that had been considered in hearings on patent revision during the 90th Congress. No hearings were held on S. 3892.

A successor bill to S. 3892 was introduced by Senator McClellan in the 91st Congress on February 28, 1969. Senator McClellan indicated

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that this bill, S. 1246, was intended to institute desirable but modest innovations in the patent laws. He stated that the principal goals of the President's Commission on the Patent System, which made its report in November 1966, could be achieved without major revisions in the patient system.

Among other matters, the Office undertook a comprehensive study of ways in which protection might be provided for computer programs, and the views of interested persons were solicited through an announcement published in October 1968.

A notice was published in November requesting comments regarding possible revisions of the Trademark Act of 1946 as amended (the Lanham Act) and the trademark rules of practice.

The Office is also studying legislation which would permit applications for registration of trademarks to be filed on the basis of intent to use the marks in commerce. Bills for this purpose have been introduced for some years, the most recent being Senator Dirksen's S. 1568 in the 91st Congress.

Another current study is devoted to the matter of protection of ornamental designs. A notice was published in August 1968 apprising the public of various bills pending before the 90th Congress and requesting comments.

There has been much concern and discussion, both in the public and private sectors, regarding the present requirement for obtaining a license when patent applications and related papers are filed in foreign countries. The Patent Office initiated a number of meetings with the other interested government agencies—the Department of Defense, the Bureau of International Commerce of the Department of Commerce, and the Office of Munitions Control of the Department of State—to determine ways in which these licensing requirements might be eased.

As a result of these meetings, the regulations of the Bureau of International Commerce concerning the exporting of technical data have been amended to no longer require an export license as previously required for certain countries when an application for the same invention has been filed in an "early publication country" which includes among others the Federal Republic of Germany, France, the Netherlands, and the Scandinavian countries.

International Activity

The second draft of a proposed Patent Cooperation Treaty designed to simplify the procedures for protection of inventions in international commerce was released by the United International Bureaux for the Protection of Intellectual Property (BIRPI) on July 15, 1968. This

draft was published in the "Official Gazette" August 13 so that interested persons would have ample opportunity to offer comments.

Briefing conferences on the new draft were held in 14 major cities of the United States during the period September-November 1968. Comments received as a result of these conferences and other contacts with patent practitioners and industry groups were taken into account in preparations for a second meeting of all Paris Union countries December 2–10. The result of this meeting and several smaller meetings of consultants from major countries in the spring of 1969 was a final version in the series of drafts of the PCT which have been under discussion over the last 2 years. This draft, to be published in the July 15, 1969, *Official Gazette*, will be submitted to a diplomatic conference of the member states of the Paris Union to be convened on May 25, 1970.

In view of the extent of interest in the proposed treaty in the United States, Senator Fulbright, by request of the Administration, introduced on April 3, 1969, a joint resolution (S.J. Res. 90) which would enable the United States to organize and hold the PCT diplomatic conference in Washington. The resolution was passed by the Senate on June 18 and sent to the House.

Among other international patent activities, bilateral search exchange programs and joint studies were continued with the patent offices of France, Federal Republic of Germany, Czechoslovakia, Japan, the Philippines, Sweden, and Switzerland. These programs ranged in substance from joint studies of corresponding applications for the same invention filed in the patent offices of both countries to trial and continuing exchanges of search results. One continuing program with the Republic of the Philippines also includes, at the option of the applicant, an exchange of the examination results in the country of first filing.

The Stockholm Act of the Paris Convention, and a convention establishing the World Intellectual Property Organization (WIPO), signed on July 14, 1967, were submitted by President Nixon to the Senate for advice and consent on March 12, 1969. The principal objectives of these conventions are the administrative reorganization of BIRPI and the creation of the new intergovernmental agency, WIPO, to promote the protection of intellectual property throughout the world and to insure administrative cooperation among the several organizations concerned with intellectual property rights.

On October 8, 1968, a convention to establish an international classification for designs was signed in Locarno, Switzerland, by 22 countries, including the United States. As background for this conference, the Patent Office had over the past several years participated with

other countries in international meetings sponsored by BIRPI to establish an international schedule of design classes. This schedule was adopted by the Locarno Conference. The convention also provides for a continuing multicountry "Committee of Experts" to insure administrative control and to revise and update the design classification according to future needs.

Under the Foreign Professional Training program, which was initiated in fiscal year 1968, representatives of the patent offices of Canada, the Federal Republic of Germany, and Japan visited the U.S. Patent Office. In addition, an international patent specialist from the U.S. Patent Office's Office of International Patent and Trademark Affairs was temporarily detailed to BIRPI under a Government-wide program for providing staff assistance to international organizations.

In furtherance of the broad objectives of U.S. foreign policy to promote the development of improved patent and trademark systems internationally, the Patent Office, in cooperation with BIRPI, provided in-house training for government industrial property officials of the developing countries of Thailand, the Republic of Korea and Libya.

The Office participated in joint meetings of the Paris Union and the Council of Europe countries for the purpose of transferring administration of the International Patent Classification (IPC) from the Council of Europe to BIRPI. The primary purpose of this action was to provide a broader administrative framework for the IPC from the standpoint of participating countries. In June 1969, representatives from the Patent Office attended an international working group of the IPC at The Hague, Netherlands, the first of several meetings directed to establishing procedures for its revision and continuous updating.

As a result of a proposal by the U.S. Patent Office, the ICIREPAT (International Cooperation in Information Retrieval Among Examining Patent Offices) secretariat was reorganized as a "Committee of Experts" of the Paris Union in September 1968. Under its new administrative structure, six technical committees have been set up to cover retrieval systems design and testing, identification of technical fields, advanced computer techniques, microform, patent format and printing, and systems implementation. Initial meetings of all technical committees were held in June 1969.

At the close of the fiscal year Commissioner William E. Schuyler, Jr., represented the United States in Moscow at the "50th Anniversary Celebration of the First Soviet Decree" concerning the protection of inventions in the USSR.

In the field of trademarks, the Patent Office participated in discussions with BIRPI towards the end of the fiscal year preparatory to the convening of a working group on international trademark registration scheduled to be held early in 1970. The proposed working group will be comprised of representatives of the 21 members of the existing Madrid Agreement for International Registration of Trademarks and of interested nonadhering countries, including the United States.

After approximately 1 year of experience in using the international classification as a secondary system for all trademarks registered or renewed, a public hearing was held to consider its adoption as the primary system of classification in the United States. A final decision has been deferred pending completion of further studies.

Research and Development

Work continued on both U.S. Patent Office and ICIREPAT (International Cooperation in Information Retrieval Among Examining Patent Offices) mechanized information retrieval projects.

Chemical codes for ciphers for chemical compounds from some 5,000 patents in the azo dye art have been translated into linear notation, and computer programs for storing and manipulating the information have been written and are in the process of being debugged.

In another project, working with the National Bureau of Standards, the Office has largely completed the development of algorithms in the attendant computer programs for searching compounds not identifiable by conventional genus-specie chemical definitions. These programs run on the NBS UNIVAC 1108. Final debugging is now in progress.

The ICIREPAT system on ceramics will combine the descriptor list characteristic of standard ICIREPAT systems with an added lexicon of terms extracted from the patents identifying features which would not normally appear in the descriptor list. In addition, constituent percentages, temperatures, and similar numerical characteristics will be stored and printed out for inspection by the examiner in response to his query. The intent is to augment the conventional indexing techniques with additional information required by the added complexity of arts such as ceramics. A data base of 1,000 patents has been indexed. Flow charting of the computer programs is underway.

The RAND Corporation-Fluidics computer based IR system is designed for conversational mode searching wherein the examiner has access to a remote computer console to query the machine directly in English language and immediately receive the response to his query in the same manner. The data base of 500 patents has been indexed, and trial searches have been carried out. Originally written in JOSS language, of limited use, the programs have since been rewritten in FORTRAN and will be of general applicability to conventional com-

mercial machines. Final testing is underway. If results are satisfactory it is intended to secure time sharing facilities to implement this set of programs in the Patent Office for operational search in selected art areas.

In the project of coordinate search on the Honeywell 1200 computer, programs were written for the storage and search of data bases composed of patents indexed according to ICIREPAT standards. First successful searches were processed on the computer in late January 1969. Using these programs, searches can be performed in the art areas of A–D Converters, Data Processing, Magnetic Cores, Character Recognition, Mold Compositions, Abrasives, and Synthetic Fibers. Program formatting is underway to add the fields of Steroid Chemistry and Alloys. Developmental work for use of these programs in time sharing mode is proceeding.

In the Patent Office Full Text Analysis project, full text of patents and abstracts of patents are keyboarded to produce information in machine readable form. Computer programs are written for the indexing of this material for information retrieval. Search programs for information retrieval from this data base are to be written. During the past year keyboarding of this material generated over 40 reels of tape which are estimated to require some 30 hours of computer processing for a first edit. This material represents several thousand patent abstracts.

The capacity of the Office Honeywell 1200 computer system was increased by doubling the memory capacity to 65,536 characters and installing faster magnetic tape units with a transfer rate of 64,000 characters per second. A programing unit has been established with a staff increase from four to 10 programers.

During the year, a computerized Personnel Accounting System was completed and placed in operation.

A change was made in the method of composition for printing of the weekly index of patentees resulting in a substantial reduction in cost per page of print. The index is now prepared by using magnetic computer tape as the input to the Government Printing Office's Linotron electronic composition machine, a process which replaces the historic method of hot metal composition.

One prototype semiautomatic aperture card search reader was delivered by the contractor. Preliminary evaluation indicates substantial reader system improvements, and a study is underway to evaluate its use in the handling and search of U.S. patents in aperture card form.

The Patent Copy Fulfillment System became operational during the year, with significant improvement in supplying copies to the public. The availability of microfilm cards for all U.S. patents from which paper copies can be rapidly reproduced has reduced the time for

filling orders for patent copies by approximately 2 weeks and has markedly improved the quality of Xerographic copies.

The system for collecting patent issue fees was improved. Instead of using the complicated system of fee estimation, a flat fee is now charged an applicant for the issue and printing of his patent and a bill for the exact difference is forwarded when the number of pages of printing is known. An increase of approximately $240,000 in annual revenue to the Treasury is anticipated, with a reduction in Patent Office costs.

The development and use of check-off lists as form attachments with approximately 200,000 technical communications per year regarding patent applications has resulted in significant savings in examiner and clerical time, and has been of benefit to patent applicants and attorneys.

Operating Cost and Income

The Patent Office appropriation for fiscal year 1969 was $43,240,000, which was comprised of the regular appropriation of $42,000,000, and a supplemental appropriation of $1,240,000 for increased pay act costs. Adjusting amounts appropriated for transfer to General Services Administration for rental of space ($732,000) results in new obligational authority of $42,508,000.

Program costs for this period were $42,576,198, and with the subtraction of $76,425 for lower net obligations incurred for costs of other years, the total amount obligated during fiscal 1969 was $42,499,773, or 99.9 percent of new obligational authority.

Compensation for an average of 2,589 employees accounted for 70 percent of total operating expenses; related costs of employee life insurance, health benefits, retirements, Federal Insurance Contribution Act taxes, awards, and Employees' Compensation Fund payments for 6 percent; printing and reproduction for 16 percent; and all other operating costs for 8 percent.

The Office received $25,721,864 in fees and deposits from all sources. Refund of $144,263 and a net increase of $121,909 in the deposit fund for unapplied receipts resulted in a net income of $25,455,692. This exceeded by $929,319 the previous record-high amount of $24,526,373 for fiscal 1968. Net income for 1969 was equivalent to 60 percent of operating costs.

STATISTICAL DATA

Pending Patent and Design Applications as of June 30, 1969

Status	Patents, including plants and reissues	Designs
Pre-examination	13,663	900
Under examination:		
Awaiting first action by examiners	91,268	968
Amended awaiting action by examiners	11,041	427
Others (i.e., awaiting action by applicant, in interference, on appeal, clerical processing)	68,688	1,761
Total under examination	170,997	3,156
Post examination:		
Awaiting notice of allowance	11,668	243
Awaiting payment of issue fee	19,231	.....
D–10's (secret cases in condition for allowance)	3,283	.....
Total in post examination	34,182	243
In issue process:		
In Patent Office (fee paid prior to June 30)	6,805	.....
With printer	9,100	228
Total in Issue Process	15,905	228
Total in Office	234,747	4,527

Summary of Patent and Design Examining Activities, Fiscal Years 1967–69

Item	1967	1968	1969	Annual average 1960–69
Patents:				
Applications filed:				
With fee:				
General, mechanical, chemical, electrical	88,167	90,252	96,342	86,141
Plants	100	107	103	115
Reissues	241	304	376	262
Total	88,508	90,663	96,821	87,727
Applications allowed	65,951	72,205	72,666	59,560
Applications abandoned	30,860	29,307	29,404	29,609
Total disposals	96,811	101,512	102,070	89,169
Patents issued:				
With fee:				
General, mechanical, chemical, electrical	70,022	61,596	61,949	54,845
Plants	102	67	80	105
Reissues	180	185	201	195
Total	70,304	61,848	62,230	56,216
Patents withheld for nonpayment of final fee (35 U.S.C. 151)	2,411	1,578	2,102	1,532
Designs:				
Applications filed	4,774	4,889	5,432	4,965
Applications allowed	3,200	3,862	3,721	3,098
Applications abandoned	1,915	1,877	1,500	2,142
Design patents issued	2,840	3,539	2,991	2,893

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Applications for Patents Filed, Fiscal Years

Year	Inventions	Plants	Reissues	Total	Designs
1950	69,025	92	178	69,295	7,307
1951	63,000	77	160	63,237	4,871
1952	60,107	93	186	60,386	4,606
1953	70,025	99	219	70,343	5,433
1954	74,987	90	194	75,271	5,501
1955	78,386	94	230	78,710	5,523
1956	75,420	117	196	75,733	5,322
1957	73,495	99	189	73,783	4,675
1958	76,565	129	262	76,956	4,838
1959	77,978	126	259	78,363	4,994
1960	78,995	117	219	79,331	4,567
1961	80,842	106	223	81,171	4,605
1962	84,864	131	270	85,265	4,963
1963	84,620	149	277	85,046	4,841
1964	87,482	147	207	87,836	5,067
1965	88,908	89	237	89,234	5,319
1966	93,022	103	266	93,391	5,187
1967	88,167	100	241	88,508	4,774
1968	90,252	107	304	90,663	4,889
1969	96,342	103	376	96,821	5,432

Patents Granted, Fiscal Years [1]

Year	Inventions	Plants	Reissues	Total	Designs
1950	38,464	106	113	38,683	4,826
1951	45,447	61	138	45,646	4,604
1952	42,963	91	133	43,187	3,344
1953	42,480	91	163	42,734	2,827
1954	38,499	87	167	38,753	2,573
1955	29,473	116	186	29,775	2,533
1956	40,465	88	141	40,694	3,104
1957	44,819	120	163	45,102	2,375
1958	43,407	110	159	43,676	2,572
1959	52,184	128	170	52,482	2,508
1960	50,322	107	178	50,607	2,685
1961	47,222	110	160	47,492	2,488
1962	51,065	88	190	51,343	2,336
1963	53,958	114	215	54,287	2,411
1964	44,050	147	203	44,400	3,019
1965	52,914	127	204	53,245	2,979
1966	66,243	105	238	66,586	3,638
1967	70,028	102	180	70,310	2,840
1968	61,599	67	185	61,851	3,539
1969	61,957	80	201	62,238	2,991

[1] Includes withdrawn numbers.

Patent Applications Pending on June 30, of Year Indicated [1]

Year	Total pending [2]	Awaiting action by examiner [3]	Year	Total pending [2]	Awaiting action by examiner [3]
1950	219,334	124,823	1960	195,885	87,122
1951	201,382	108,996	1961	200,934	90,917
1952	185,084	96,836	1962	197,397	100,841
1953	182,650	98,878	1963	209,131	117,610
1954	194,620	116,392	1964	219,691	127,154
1955	221,872	139,931	1965	206,922	147,473
1956	217,536	121,847	1966	209,254	145,101
1957	215,535	106,523	1967	200,739	134,346
1958	207,166	88,804	1968	189,909	108,115
1959	198,248	87,146	1969	184,660	102,309

[1] Does not include allowed applications and design applications.
[2] Includes applications in preexamining processes.
[3] Includes cases in which Office actions were suspended under rule 103 through 1965.

Documentation Activity, Fiscal Years 1965–69

Activity	1965	1966	1967	1968	1969
Classes abolished	8	5	1	4	1
Original patents	36,174	55,556	11,854	46,058	8,895
Cross-reference patents	26,125	58,622	14,441	65,760	2,912
Classes established	6	4	3	4	4
Subclasses	1,346	1,400	1,039	1,431	595
Original patents	50,085	58,444	25,676	54,921	10,933
Cross-reference patents	57,575	85,312	38,417	88,777	12,359
Foreign patents	66,399	85,815	56,507	86,182	37,000
Miscellaneous subclasses:					
Established	334	420	492	494	944
Original patents	11,541	10,009	12,459	15,679	15,937
Cross-reference patents	14,999	19,339	21,938	31,342	11,200
Miscellaneous patents transferred	10,883	10,317	10,582	13,669	8,640
Assignment decisions:					
Written	75	29	12	0	1
Oral	7,186	7,481	6,571	5,819	6,125
Letters of inquiry answered	853	920	766	738	534

Pending Trademark Applications as of June 30, 1969

Status	For registration	For renewal	Under section 12(c)	Section 8 affidavits
Preexamination	7,373	321	4	864
Under examination:				
Awaiting action by examiner:				
First actions	7,602	1,055	37	445
Amended actions	5,775	0	0	0
Awaiting action by others (i.e., applicant, on appeal, in adversary proceedings, clerical processing)	14,371	121	1	306
Total under examination	27,748	1,176	38	751
Total	35,121	1,497	42	1,615
Post examination (includes applications in all phases of publication and issue)	8,363	630	7	.....
Total	43,484	2,127	49	1,615

Summary of Trademark Examining Activities, Fiscal Years 1967–69

Item	1967	1968	1969	Annual Average 1960–69
Applications for registration filed	27,628	28,292	31,268	26,336
Disposal of trademark applications:				
Applications maturing to registration	20,969	21,499	21,833	19,561
Applications abandoned	6,551	5,859	5,907	5,400
Certificates of registration issued:				
1946 act, principal register	19,183	19,274	19,356	18,038
1946 act, supplemental register	1,420	1,111	950	1,027
Total	20,603	20,385	20,306	19,065
Renewal of registration:				
Applications filed	3,844	4,089	6,267	3,696
Applications abandoned	117	87	64	79
Registrations renewed	3,820	3,726	5,442	3,501
Affidavits for benefits under sec. 12(c):				
Affidavits filed	341	231	90	324
Affidavits abandoned	6	1	4	3
Published under sec. 12(c)	403	290	182	362
Affidavits, sec. 8:				
Affidavits filed	11,956	12,116	13,890	13,227
Affidavit disposal	12,469	11,738	13,513	13,115

Applications for Trademark Registrations, Renewals, and Sec. 12(c) Affidavits, Fiscal Years

Year	For registration	For renewal	For benefits under sec. 12 (c)	Affidavits received under sec. 8
1950	18,755	3,731	2,206	.....
1951	15,962	3,310	1,379	.....
1952	16,126	3,383	1,164	.....
1953	17,400	3,075	1,309	1,424
1954	19,715	3,887	1,626	16,491
1955	21,515	3,931	1,287	17,773
1956	21,735	3,675	808	12,040
1957	21,581	3,638	843	12,873
1958	21,770	3,237	556	12,126
1959	22,243	3,321	447	11,548
1960	23,242	3,972	419	12,573
1961	23,169	3,476	423	14,581
1962	24,866	3,138	337	14,720
1963	24,224	2,604	311	12,752
1964	25,574	2,824	261	12,055
1965	26,657	3,049	308	13,923
1966	28,438	3,695	518	13,705
1967	27,628	3,844	341	11,156
1968	28,292	4,089	231	12,116
1969	31,268	6,267	90	13,890

Trademarks Registered, Renewed and Published Under Sec. 12(c), Fiscal Years [1]

Year	Registered	Renewed	Published under sec. 12(c)
1950	16,378	3,573	4,873
1951	17,869	3,487	1,589
1952	16,400	3,314	1,304
1953	16,273	3,268	1,157
1954	15,197	2,918	1,383
1955	16,109	4,588	1,544
1956	21,613	3,315	885
1957	17,864	4,041	877
1958	15,979	3,172	555
1959	17,685	3,249	529
1960	18,989	3,614	479
1961	17,406	3,749	451
1962	15,909	3,071	331
1963	18,266	2,450	322
1964	20,689	2,834	329
1965	19,452	2,870	336
1966	18,671	3,441	497
1967	20,604	3,820	403
1968	20,385	3,726	290
1969	20,306	5,442	182

[1] Includes withdrawn numbers.

Actions on Petitions to Commissioner

Acceptance of late priority papers	36
Access	5
Certificates of corrections	9,809
Deferment of issue	68
Express abandonment	40
Extensions of time	460
Filing date	265
Final fee—late payment	376
Interference	157
Make special	163
Public use	28
Reinstatement of appeals	20
Revivals	1,311
Supervisory authority	184
Withdrawals of attorney	2,674
Total	15,596

(Pending petitions awaiting action—58)

Summary of Contested Cases in Patent Office During Fiscal Year 1969

Patent cases before the Board of Appeals:		
Pending July 1, 1968		3,190
Filed July 1, 1968–June 30, 1969:		
Ex parte appeals	7,766	
Reconsideration	359	8,125
Total		11,315
Disposals:		
Examiner affirmed	1,677	
Examiner affirmed-in-part	235	
Examiner reversed	415	
Dismissed	1,813	
Suspended	4	
Withdrawn	[1] 3,363	7,820
Pending June 30, 1969		3,495
Cases before the Board of Patent Interferences:		
Pending July 1, 1968		882
Filed July 1, 1968–June 30, 1969: Inter partes cases		452
Total		1,334
Disposals		521
Pending June 30, 1969		813

Cases before the Trademark Trial and Appeal Board

	Ex Parte	Cancel.	Concur.	Inter Partes Interfer.	Oppo-si-tions	Total
Pending July 1, 1968	164	264	18	84	1,169	1,699
Filed July 1, 1968–June 30, 1969:						
Ex parte appeals	281					281
Inter partes cases		223	10	96	1,073	1,402
Total	445	487	28	180	2,242	3,382
Disposals	322	214	17	84	1,080	1,717
Pending June 30, 1969	123	273	11	96	1,162	1,665

[1] 313 reconsiderations included.

Cases in Litigation (Courts)

	Administrative review	Patent	Trademark	Total
Supreme Court of the United States—Petitions for writ of certiorari:				
Pending July 1, 1968	0	0	0	0
Filed July 1, 1968–June 30, 1969	3	0	0	3
Total	3	0	0	3
Denied	2	0	0	2
Granted	1	0	0	1
Total	3	0	0	3
Pending June 30, 1969	0	0	0	0
United States Court of Appeals—District of Columbia Circuit:				
Cases Pending July 1, 1968	4	2	0	6
Appeals taken July 1, 1968–June 30, 1969	5	6	0	11
Total	9	8	0	17
Cases disposed of:				
Affirmed	2	3	0	5
Dismissed	0	0	0	0
Remanded	1	0	0	1
Reversed	3	2	0	5
Total	6	5	0	11
Pending June 30, 1969	3	3	0	6
United States District Court for the District of Columbia:				
Pending July 1, 1968	5	117	3	125
Filed July 1, 1968–June 30, 1969	5	62	1	68
Total	10	179	4	193
Cases disposed of:				
Affirmed	1	12	1	14
Affirmed-in-part	0	0	0	0
Reversed	0	0	0	0
Dismissed on:				
Plaintiff's motion	1	0	1	2
Defendant's motion	0	1	0	1
Stipulation of counsel	0	58	1	59
Want of prosecution	0	2	0	2
Total	2	73	3	78
Pending June 30, 1969	8	106	1	115

Notices of appeals to U.S. Court of Customs and Patent Appeals
Received July 1, 1968–June 30, 1969
Ex parte patents and trademarks=146 (11 not perfected)
Inter partes patents =37 (4 not perfected)
Inter partes trademarks =55 (21 not perfected)

Cases in Litigation (Courts)—Continued

	Ex parte		Inter partes		
	Patent	Trade-mark	Patent	Trade-mark	Total
United States Court of Customs and Patent Appeals					
Cases pending July 1, 1968	265	26	39	72	402
Filed July 1, 1968 through June 30, 1969	123	9	31	34	197
Total	388	35	70	106	599
Cases disposed of:					
Affirmed	56	9	12	22	99
Affirmed-in-part	7	0	1	0	8
Remanded	5	2	2	0	9
Reversed	25	3	2	5	35
Dismissed:					
On appellant's motion	27	0	7	2	36
On want of prosecution	3	1	0	1	5
Total	123	15	24	30	192
Pending July 1, 1969	265	20	46	76	407

Litigation Report, Other Jurisdictions, July 1, 1968–June 30, 1969

(Cases Reported)

Month	Patent suits				Trademark suits			
	Filed	Pat's Inv'd	Decs.	Pat's Inv'd	Filed	TM's Inv'd	Decs.	TM's Inv'd
July.....	75	85	42	44	30	84	18	47
Aug.....	60	130	28	34	21	74	13	35
Sept.....	41	52	36	57	20	67	28	45
Oct.....	87	137	29	34	31	112	11	14
Nov.....	76	97	63	86	36	108	34	66
Dec.....	58	72	21	33	12	25	12	26
Jan.....	54	66	58	93	18	38	14	32
Feb.....	49	60	20	27	27	68	11	31
Mar.....	58	95	32	48	22	52	15	44
Apr.....	74	96	36	46	24	51	32	94
May.....	65	90	42	67	27	58	22	40
June.....	66	83	34	44	25	46	13	34
Total	763	1,063	441	613	293	783	223	508

Summary of Patent Office Services Furnished for Fees or Without Charge to the Public and Government Agencies During Fiscal Year 1968 [1]

Item or service provided	Total supplied	Patent Office use	Furnished other Government agencies	Number for which charge was made
Prints furnished: Manuscripts, patents, publications, etc	[1] 8,419,633	[1] 3,741,066	.....	4,678,567
Certificates prepared	96,583	17	.....	96,566
Assignments:				
Abstract of title and title searches	1,105	.....	.....	1,105
Title reports	28,773	28,478	.....	295
Instruments recorded	65,367	.....	.....	65,367
Patents and trademarks:				
Orders	[1] 6,174,129	[1] 1,018,832	211	[1] 5,155,086
Foreign exchange	2,998,336	.....	2,998,336	.....
Library subscriptions	1,099,902	.....	.....	1,099,902
ROC	[1] 738,787	[1] 738,787	.....	.....
Archives	117,438	.....	117,438	.....
Total	[1] 11,128,592	[1] 1,757,619	3,115,985	[1] 6,254,988
Drawings and corrections	16,000	.....	.....	14,392

[1] Corrected Report.

Summary of Patent Office Services Furnished for Fees or Without Charge to the Public and Government Agencies During Fiscal Year 1969

Item or service provided	Total supplied	Patent Office use	Furnished other Government agencies	Number for which charge was made
Prints furnished: Manuscripts, patents, publications, etc	12,599,161	9,259,770	.....	3,339,391
Certificates prepared	118,072	5	.....	118,067
Assignments:				
Abstract of title and title searches	786	.....	.....	786
Title reports	34,210	33,790	.....	420
Instruments recorded	77,300	.....	.....	77,300
Patents and trademarks:				
Orders	5,732,002	583,029	727	5,148,246
Foreign exchange	2,789,258	.....	2,789,258	.....
Library subscriptions	1,062,791	.....	.....	1,062,791
ROC	637,485	637,485	.....	.....
Archives	188,368	.....	188,368	.....
Total	10,409,904	1,220,514	2,978,353	6,211,037
Drawings and corrections	15,320	.....	.....	15,152

Patents Issued to Residents of United States, Puerto Rico and Other Areas Under the American Flag, Calendar Years 1959–68 (Excludes Designs, Plants and Reissues)

States and territories	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968
Alabama	206	185	167	209	178	153	236	232	248	236
Alaska	14	8	13	18	7	9	13	14	19	12
American Samoa									2	3
Arizona	138	117	138	164	190	188	249	290	356	279
Arkansas	68	49	73	92	69	63	85	74	56	54
California	4,797	4,390	4,649	5,162	4,358	4,603	6,304	6,777	6,264	5,630
Canal Zone	2	1		1					13	7
Colorado	250	185	241	262	233	222	333	321	325	327
Connecticut	1,404	1,329	1,313	1,545	1,136	1,305	1,742	1,859	1,677	1,567
Delaware	360	359	394	526	359	373	479	608	595	558
District of Columbia	231	199	185	169	145	157	181	161	236	154
Florida	493	465	506	600	528	590	725	790	832	794
Georgia	151	171	184	222	186	174	276	284	310	294
Guam			1				1		5	2
Hawaii	20	13	26	28	20	20	13	25	19	22
Idaho	57	45	41	61	53	40	46	52	48	56
Illinois	4,209	3,602	3,456	3,991	3,288	3,450	4,508	4,561	4,161	3,712
Indiana	1,179	1,023	1,061	1,229	994	979	1,286	1,375	1,219	1,100
Iowa	425	394	371	414	286	341	490	443	395	321
Kansas	247	225	197	263	181	211	270	314	273	263
Kentucky	263	234	252	294	253	235	302	355	381	308
Louisiana	302	236	280	258	249	221	289	322	367	327
Maine	48	56	53	62	48	61	62	72	80	67
Maryland	764	709	780	807	692	760	1,013	1,073	1,058	915
Massachusetts	1,826	1,626	1,717	1,852	1,647	1,713	2,095	2,386	2,149	1,911
Michigan	2,968	2,542	2,569	2,931	2,347	2,433	3,135	3,494	3,164	2,815
Minnesota	704	666	635	827	710	724	982	1,069	985	882
Mississippi	43	41	41	36	48	45	50	50	65	47
Missouri	696	588	586	644	559	567	685	864	827	693

Montana	55	54	39	53	32	44	26	37	57	52
Nebraska	112	85	84	112	103	85	115	144	161	105
Nevada	34	31	16	32	34	28	40	47	50	38
New Hampshire	125	100	107	124	109	92	135	153	157	114
New Jersey	3,851	3,429	3,379	3,707	2,850	3,132	3,987	4,512	4,370	3,768
New Mexico	88	82	90	103	77	103	108	115	120	88
New York	5,536	4,914	4,924	5,538	4,432	4,579	5,812	6,202	5,503	4,955
North Carolina	283	267	287	330	276	315	405	467	586	494
North Dakota	33	32	34	43	40	36	32	40	46	47
Ohio	3,576	3,203	3,284	3,589	2,918	2,665	3,574	3,812	3,482	3,208
Oklahoma	711	633	644	744	624	579	865	937	878	814
Oregon	318	232	238	256	222	243	296	329	319	271
Pennsylvania	3,392	3,016	3,115	3,480	2,753	2,854	3,901	4,131	3,824	3,378
Puerto Rico	8	8	6	13	7	8	15	19	23	19
Rhode Island	194	181	166	222	161	193	198	247	237	197
South Carolina	102	99	108	124	123	127	158	200	222	168
South Dakota	45	37	37	32	37	30	37	34	51	38
Tennessee	324	322	305	307	321	273	367	489	435	417
Texas	1,275	1,219	1,291	1,532	1,340	1,271	1,578	1,806	1,769	1,770
Utah	65	76	86	116	99	99	136	155	128	120
Vermont	43	32	30	44	30	40	57	48	47	61
Virginia	360	415	446	492	408	449	656	738	781	660
Virgin Islands	4	4	1	.....	.....	1	.....	1	2	11
Washington	396	380	340	434	337	361	448	506	445	391
West Virginia	228	173	213	306	177	188	218	266	245	209
Wisconsin	1,153	962	926	1,147	883	947	1,277	1,303	1,171	1,000
Wyoming	23	17	24	24	19	25	35	24	29	31
U.S. Air Force	.....	.....	.....	2	.....	5	.....	3	.....	2
U.S. Army	4	3	5	5	.....	.....	1	.....	2	.....
U.S. Navy	4	8	.....	1	.....	1	5	4	5	.....
Total	44,207	39,472	40,154	45,579	37,176	38,410	50,332	54,634	51,274	45,782

United States Patent Applications Filed by Residents of Foreign Countries, Calendar Years 1964–1968

Country	1964	1965	1966	1967	1968
Algeria			1		
Argentina	61	53	40	35	45
Australia	194	225	220	263	313
Austria	195	229	232	273	286
Belgium	250	286	303	319	384
Bermuda		2			2
Bolivia	3	1	2	1	1
Brazil	13	33	35	30	29
British West Indies	8	2		6	3
Bulgaria	1	7	7	11	10
Canada	1,595	1,695	1,323	1,456	1,558
Ceylon			1		
Chile	7	5	13	7	6
China, Rep. of	8	8	16	13	3
Colombia	6	5	6	6	1
Costa Rica		1	1	2	1
Cyprus		1			
Czechoslovakia	113	186	180	160	174
Denmark	175	165	172	168	195
Dominican Republic					
Ecuador	3				
El Salvador	2			5	
Ethiopia			1		
Finland	41	44	52	73	94
France	2,084	2,246	2,174	2,385	2,522
Germany, Fed. Rep. of	4,983	5,731	5,504	5,734	6,455
Greece	14	14	14	9	19
Guatemala		5	1	1	
Haiti	1		2	2	1
Honduras	1		4		
Hong Kong	13	9	15	7	
Hungary	31	37	48	66	54
Iceland		1	7	2	
India	11	10	25	32	13
Indonesia		1	1		
Iran			2	4	
Ireland			30	27	29
Israel	69	94	86	64	73
Italy	718	811	849	866	960
Jamaica			2	4	4
Japan	2,147	2,263	2,479	3,354	4,051
Jordan					1
Kenya	1		1	4	
Korea	2	1	5	2	4
Lebanon	1		6	3	
Liberia		1			
Liechtenstein	25	24	18	13	13
Luxembourg	1	7	5		
Malaysia	1			2	
Mali			2		
Mexico	136	83	97	78	177
Monaco	6	3	5	2	1
Morocco	3	5	4	1	
Netherlands	713	690	652	711	790
New Zealand	30	27	20	22	22
Nicaragua	2	2	1		
Nigeria		1	1	1	
Norway	90	96	63	90	95
Pakistan	2	2	1		1

United States Patent Applications Filed by Residents of Foreign Countries, Calendar Years 1964–1968

Country	1964	1965	1966	1967	1968
Panama	.....	1	1	.....	.....
Peru	8	16	4	7	7
Philippines	1	2	12	4	9
Poland	31	27	50	48	55
Portugal	4	18	11	12	15
Rhodesia and Nyasaland	5	1	3	3	1
Rumania	12	15	15	45	53
Saudi Arabia	.....	.....	3	4	1
South Africa, Rep. of	95	99	83	101	102
Singapore	.....	.....	4	.....	.....
Spain	84	93	116	106	133
Sudan	.....	1	.....	.....	.....
Sweden	726	833	858	825	941
Switzerland	1,341	1,377	1,399	1,513	1,551
Thailand	.....	1	.....	.....	1
Turkey	3	5	1	3	1
Union of Soviet Soc. Rep	262	215	112	427	329
United Arab Rep	1	3	.....	.....	17
United Kingdom	4,241	4,481	4,238	4,597	4,660
Uruguay	5	1	.....	2	1
Venezuela	12	12	15	9	6
Vietnam (South)	.....	1	1	.....	1
Yugoslavia	7	10	7	17	17
Other	3	2	.....	9	.....
Total	20,601	22,326	21,662	24,046	26,291

Patents Issued by the United States to Residents of Foreign Countries, Calendar Years 1959–68 (Excludes Plants, Designs and Reissues)

Country	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968
Algeria				2	3		2			1
Argentina	31	30	16	14	19	27	18	20	16	18
Australia	48	45	58	82	69	80	110	110	151	119
Austria	85	58	86	125	86	91	143	128	151	160
Belgium	95	75	106	106	85	131	184	185	176	169
Bermuda	2	4	5		3	2	3	2	1	
Bolivia									1	1
Borneo					1					
Brazil	15	5	8	19	17	10	11	17	12	13
British West Indies	5	1	4	3	5	8	3	1	4	4
Bulgaria				1		1	1		5	1
Burma				1						
Cameroun			1					1		
Canada	645	609	615	686	606	648	853	937	991	897
Ceylon					1					
Chile	3	3	2	5	1	1	3	1	3	2
China, Rep. of	1	3	3	2	4	3	4	2	9	5
Colombia	6	3	1	3	2	3	5	8	4	2
Congo						3				
Costa Rica	1	1	2		1		2		2	
Cuba	28	9	9	13	8	1	1			
Cyprus										1
Czechoslovakia	38	44	62	49	44	34	52	38	96	96
Denmark	53	54	64	64	70	63	88	101	123	82
Dominican Republic						2	1			
Ecuador	2	1	1		1			2	2	
El Salvador				1	1		1	1	4	2
Finland	7	17	13	18	18	9	22	27	34	31
France	871	816	882	1,039	854	1,013	1,372	1,436	1,558	1,446
Germany, Fed. Rep	2,299	2,168	2,306	2,847	2,338	2,420	3,388	3,981	3,766	3,442
Greece	7	4	6	3	7	1	5	5	13	3
Guatemala	1				2			5	5	

Haiti	1							2	2	2
Honduras				1				1		1
Hong Kong	5	3	2	4	6	5	6	8	12	7
Hungary	13	17	20	17	13	20	20	31	23	21
Iceland	1	1	1			2	3	2	1	4
India	4	2	1	7	4	7	8	5	10	15
Indonesia	2	2						5	12	25
Iran	1	1	1		1	1	1	2	3	1
Ireland	2	4			1	10	5	9	8	10
Israel	21	8	12	17	20	26	33	45	53	38
Italy	235	249	257	388	345	308	414	429	471	477
Jamaica									1	1
Japan	142	196	250	421	407	545	919	1,122	1,424	1,464
Kenya		1	1	1		3		2	1	2
Korea	1			2		3	2	2		2
Lebanon	5	3		4	4			1		3
Liberia										1
Libya					1		1			
Liechtenstein	11	10	3	12	5	10	14	12	13	15
Luxembourg			3	3	5	4	3	6	7	7
Madagascar										
Malaya	3	1			1		2	2		
Mexico	39	32	45	91	92	72	87	99	43	40
Monaco		2	3	1	1	2	2	6	3	4
Morocco	2	4	5	3	3	3	6	6	3	4
Netherlands	437	369	402	483	329	356	519	482	507	476
New Caledonia	1									
Newfoundland								1		
New Zealand	12	13	7	10	12	12	17	10	15	13
Nicaragua								2	4	2
Nigeria		1							2	2
Norway	45	38	46	39	33	43	52	59	49	49
Pakistan		1	2	5	2		1	2	2	
Panama			1	2	2	2	1	1		
Peru	2	5	1	2	1	5	5	2	5	5
Philippines, Rep. of	2	1	4	1	7	5	2	4	1	2
Poland		1	2		3	1	9	10	12	25
Portugal	1		2	3	3	2	2	4	1	7

Patents Issued by the United States to Residents of Foreign Countries, Calendar Years 1959–68 (Excludes Plants, Designs and Reissues)—Continued

Country	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968
Rhodesia		7	2	3	5	3	4	2	2	
Rumania				1	2	2	2	4	6	21
Saudi Arabia						1		1		1
Senegal					1					
Singapore		2							1	1
South Africa, Rep	20	19	30	33	30	34	69	48	52	35
Spain	20	10	24	18	26	19	49	50	46	48
Sudan		1								2
Sweden	438	348	358	414	386	368	562	537	574	569
Switzerland	585	541	617	771	668	667	862	983	948	822
Syria				1						
Thailand		1	1							
Trinidad-Tobago						1		2		1
Tunisia			1		1		1		1	
Turkey		1		1		2		2	4	3
Uganda								1		1
Union of Sov. Soc. Rep				3	15	12	28	66	115	95
United Arab Rep	1	1	1	2		1	1	3	4	1
United Kingdom	1,888	1,837	1,843	2,248	1,810	1,839	2,574	2,677	2,799	2,481
Uruguay	7	3	3	4	3	3	3	2	1	1
Venezuela	8	12	10	10	9	12	11	7	5	13
Yugoslovia	3		3	3	2	4	3	4	4	4
Zambia								1	1	
Total	8,201	7,698	8,214	10,112	8,505	8,966	12,525	13,772	14,378	13,320

United States Trademark Applications and Registrations, Foreign Residents, Calendar Years 1966–1968

	Applications			Registrations		
	1966	1967	1968	1966	1967	1968
Argentina	10	16	13	8	6	9
Australia	23	22	21	20	21	22
Austria	20	22	27	16	12	11
Belgium	23	21	20	26	11	18
Bermuda	1	1	.....	3	.....	1
Brazil	7	5	2	7	5	5
British West Indies	2	3	2	1	2	2
Bulgaria	.....	1	.....	.....	.....	1
Canada	208	206	332	138	168	162
Central African Republic	13	.....	3	.....	.....	.....
Ceylon	.....	1	.....	.....	.....	.....
Chile	2	.....	1	2	3	.....
China (National Republic)	4	.....	.....	.....	.....	.....
Colombia	1	.....	4	1	1	4
Cuba	1	.....	.....	.....	.....	.....
Czechoslovakia	17	4	20	5	9	5
Denmark	23	19	43	18	27	23
Ecuador	.....	.....	.....	.....	1	.....
Finland	6	5	11	3	6	1
France	277	222	308	214	206	166
Germany, Federal Republic of	307	316	375	254	272	251
Greece	1	3	2	1	.....	2
Guatemala	.....	.....	1	.....	.....	.....
Hong Kong	5	9	8	3	8	6
Hungary	.....	1	.....	.....	.....	1
India	.....	.....	1	.....	.....	.....
Iran	.....	.....	1	.....	.....	.....
Ireland	4	5	19	5	4	5
Israel	5	4	4	1	2	6
Italy	108	113	143	70	130	86
Japan	196	247	319	136	111	154
Korea	1	.....	.....	.....	1	.....
Kuwait	.....	.....	.....	2	.....	.....
Liechtenstein	5	5	11	10	7	7
Luxembourg	.....	1	2	.....	.....	.....
Mexico	14	40	24	12	8	18
Monaco	5	2	.....	3	1	1
Morocco	.....	1	.....	.....	1	1
Netherlands	67	49	53	49	52	50
New Zealand	1	3	2	3	1	.....
Norway	13	14	17	16	5	9
Pakistan	1	.....	.....	.....	1	.....
Panama	2	2	1	.....	3	4
Peru	.....	.....	1	.....	.....	.....
Philippines	.....	.....	.....	1	.....	.....
Poland	2	10	14	.....	5	7
Portugal	12	4	14	9	5	9
Rumania	.....	.....	.....	1	.....	.....
South Africa, Republic of	14	15	12	8	28	12
Rhodesia	.....	.....	.....	1	.....	.....
Spain (Canary Islands)	32	36	56	15	40	33
Sweden	58	54	73	31	42	55
Switzerland	161	154	160	85	107	136

United States Trademark Applications and Registrations, Foreign Residents, Calendar Years 1966–1968—Continued

	Applications			Registrations		
	1966	1967	1968	1966	1967	1968
Tanzania, Republic of				1	1	
Thailand		1		1		
Trinidad & Tobago	1		2		1	1
Union of Soviet Soc. Republics		2	1		1	
United Kingdom	419	359	406	265	259	350
Uruguay	1				1	
Venezuela	2	1	2	2	1	
Yugoslavia	3					3
Other	1			2		
Total	2,079	1,999	2,536	1,449	1,567	1,637

Average Number of All Employees, Fiscal Years 1965–69

	1965	1966	1967	1968	1969
Examination and issuance of patents:					
Patent Examining Corps	1,449	1,449	1,458	1,538	1,521
Office of Patent Services	443	457	471	484	443
Office of Documentation	123	131	135	137	131
Board of Appeals	56	52	50	51	42
Board of Patent Interferences	20	19	19	19	18
Administrative support [1]	263	272	268	291	297
Subtotal	2,354	2,380	2,401	2,520	2,452
Examination and registration of trademarks:					
Trademark Examining Operation	101	99	99	107	106
Trademark Trial and Appeal Board	15	13	14	15	15
Administrative support [1]	14	14	14	15	16
Subtotal	130	126	127	137	137
Total	2,484	2,506	2,528	2,657	2,589
Patent professional	1,218	1,210	1,207	1,248	1,267
Trademark professional	47	46	45	53	54
All other	1,219	1,250	1,276	1,356	1,268
Total	2,484	2,506	2,528	2,657	2,589

[1] See following table:

Administrative support operations prorated to activities:					
Office of Commissioner	27	34	36	49	48
Office of Solicitor	22	21	21	19	21
Office of Research, Development, and Analysis	105	100	95	98	96
Office of Administration	123	131	130	140	148
Total	277	286	282	306	313
Examination and issuance of patents	263	272	268	291	297
Examination and registration of Trademarks	14	14	14	15	16
Total	277	286	282	306	313

End of Year Employment, Fiscal Years 1965–69

	1965	1966	1967	1968	1969
Examination and issuance of patents:					
Patent Examining Corps	1,494	1,497	1,560	1,605	1,530
Office of Patent Services	497	481	511	512	479
Office of Documentation	131	133	142	147	160
Board of Appeals	54	49	53	46	41
Board of Patent Interferences	20	22	20	21	19
Administrative support [1]	276	276	302	322	327
Subtotal	2,472	2,458	2,588	2,653	2,556
Examination and registration of trademarks:					
Trademark Examining Operation	102	98	111	107	110
Trademark Trial and Appeal Board	14	14	17	17	15
Administrative support [1]	15	14	16	17	17
Subtotal	131	126	144	141	142
Total	2,603	2,584	2,732	2,794	2,698
Patent professional	1,244	1,225	1,239	1,300	1,248
Trademark professional	45	46	54	55	55
All other	1,314	1,313	1,439	1,439	1,395
Total	2,603	2,584	2,732	2,794	2,698
[1] See following table:					
Administrative support operations prorated to activities:					
Office of Commissioner	39	36	41	53	52
Office of Solicitor	22	25	22	22	22
Office of Research, Development, and Analysis	95	98	109	105	109
Office of Administration	135	131	146	159	161
Total	291	290	318	339	344
Examination and issuance of patents	276	276	302	322	327
Examination and registration of trademarks	15	14	16	17	17
Total	291	290	318	339	344

Operating Cost, Fiscal Years 1965–1969

(in thousands of dollars)

	1965	1966	1967 [2]	1968 [2]	1969
Examination and issuance of patents:					
Patent Examining Corps	20,943	22,747	24,339	26,072	28,793
Office of Patent Services	3,475	3,629	3,758	4,319	4,977
Office of Documentation	1,504	1,577	1,686	1,817	1,890
Board of Appeals	799	781	787	780	756
Board of Patent Interferences	268	282	289	282	303
Administrative support [1]	2,902	3,090	3,214	3,663	4,065
Subtotal	29,891	32,106	34,073	36,933	40,784
Examination and registration of trademarks:					
Trademark Examining Operation	1,043	1,065	1,110	1,252	1,367
Trademark Trial and Appeal Board	171	173	182	193	211
Administrative support [1]	153	163	169	193	214
Subtotal	1,367	1,401	1,461	1,638	1,792
Total	31,258	33,507	35,534	38,571	42,576
Personnel compensation	23,238	23,996	25,334	27,544	29,938
Personnel benefits	1,711	1,787	1,987	2,157	2,323
Printing and reproduction	4,802	6,334	6,418	6,420	6,652
Other costs	1,507	1,390	1,795	2,450	3,663
Total	31,258	33,507	35,534	38,571	42,576

[1] See table below:

Administrative support operations prorated to activities:					
Office of Commissioner	373	553	581	829	914
Office of Solicitor	326	310	335	330	368
Office of Research, Development, and Analysis	1,234	1,213	1,293	1,405	1,519
Office of Administration	1,122	1,177	1,174	1,292	1,478
Total	3,055	3,253	3,383	3,856	4,279
Examination and issuance of patents	2,902	3,090	3,214	3,663	4,065
Examination and registration of Trademarks	153	163	169	193	214
Total	3,055	3,253	3,383	3,856	4,279

[2] Reflects comparative transfer to other accounts.

Income from Fees, Fiscal Years 1965–1969
(in thousands of dollars)

	1965	1966	1967	1968	1969
Patent issue fee, original or reissue, including extra claims and charges for printed pages of specifications and drawings [1]	1,643	5,141	8,365	9,274	9,067
Patent filing fee, including extra claims	2,671	5,838	7,354	7,638	8,332
Patent copies	1,573	2,680	2,828	2,568	2,496
Recording assignments	227	990	1,395	1,476	1,651
Trademark filing fee	667	907	969	998	1,154
Reproduction of records	1,095	1,080	1,079	1,034	1,126
Patent appeals, including filing of brief [2]	565	644	728	555	577
Trademark renewal fee	77	95	98	105	157
Certification of copies	97	106	114	107	128
Special service on orders	144	152	159	155	122
Design filing fee, including term extensions [3]	113	108	95	98	109
Drawings and corrections	90	71	87	99	98
Design issue fee [4]		35	63	103	88
Trademark copies	38	56	58	59	58
Comparison of patent drawings	11	30	25	30	44
Trademark oppositions and cancellations	36	39	38	37	37
Subscription service for copies	29	9	34	34	35
Patent reissue filing fee, including extra claims	6	19	25	21	26
Revival of abandoned patent applications	9	15	16	13	17
Classified lists of patents	9	16	11	11	14
Title reports	24	10			
Other fees	80	105	125	111	120
Total income	9,204	18,146	23,666	24,526	25,456

[1] 1965 and 1966 include income from additional charges for extra claims until effective date of Public Law 89–83, Oct. 25, 1965.
[2] Fee for filing of brief was established by Public Law 89–83.
[3] Fees for term extensions were in existence until effective date of Public Law 89–83.
[4] Fee established by Public Law 89–83.

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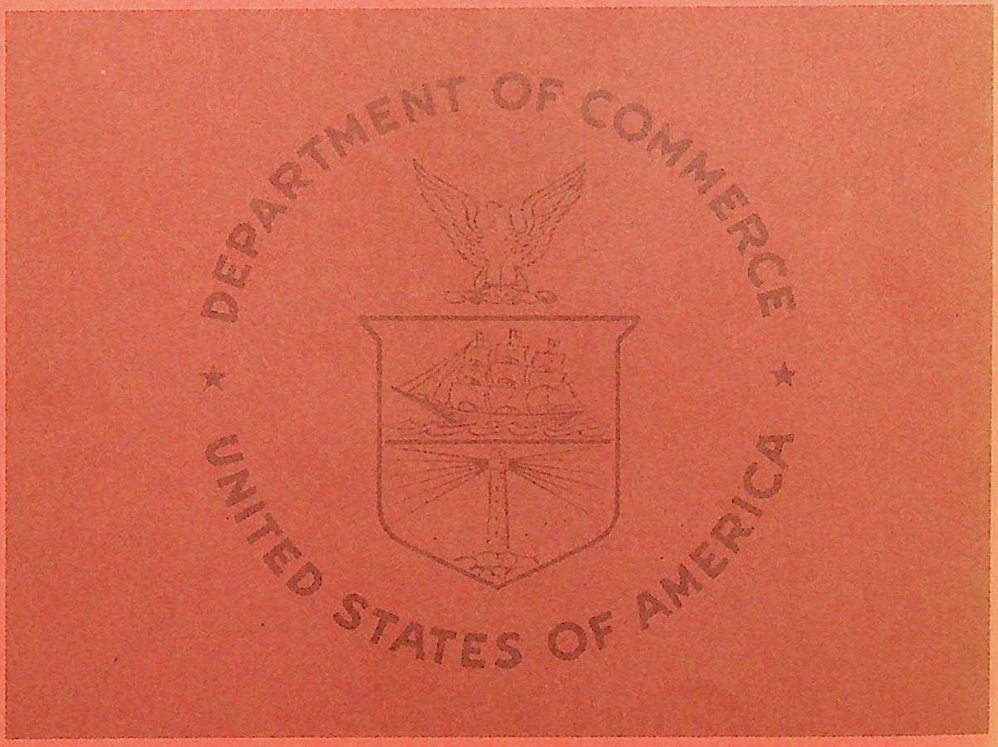
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